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X INDICES OF AGRICULTURAL PRODUCTION IN 12 NEAR EAST COUNTRIES;

Average 1935-39, 1952-54 (base period); annual 1958/59 - 1961/62

Economic Research Service

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TABLE I

Summary of the results of the experiments on the effect of the concentration of the solution on the rate of the reaction

Concentration of the solution (M)	Rate of the reaction (M/min)
0.1	0.001
0.2	0.002
0.3	0.003
0.4	0.004
0.5	0.005
0.6	0.006
0.7	0.007
0.8	0.008
0.9	0.009
1.0	0.010

Time (min)	Concentration of the solution (M)
0	0.1
10	0.2
20	0.3
30	0.4
40	0.5
50	0.6
60	0.7
70	0.8
80	0.9
90	1.0

Notes on the Indices of Agricultural Production

The attached tables present indices of agricultural production for 12 countries of the Near East and constitute a revision of the indices for these countries that were published by the Foreign Agricultural Service in November 1960.

As in the previous study, these indices have been calculated on a postwar base (average 1952/53 - 1954/55). Production data for 1958/59, 1959/60, and 1960/61 have been revised in the light of more recent crop estimates and 1961/62 have been added. Except for Saudi Arabia and Yemen, indices are also given for the prewar period 1935-39. In compiling regional summary tables however, Saudi Arabia and Yemen were accounted for by estimating prewar data.

Postwar price weights were used in computing the indices. Available data on prices in these countries, including FAO price weights, were used in establishing weights. The prices used represent the average postwar value of a metric ton of each agricultural commodity in the various countries at comparable stages in the marketing channels. The individual commodity price is expressed as a percent of the value of a metric ton of wheat. Thus, a metric ton of barley, with a price weight of 65 is equal in value to 0.65 of a ton of wheat.

To calculate agricultural production indices for each country, the production of each commodity was multiplied by the price weight and the resulting aggregates were summed. The total aggregate for a given year was then divided by the aggregate for the base period to obtain the index. The per capita indices were obtained by dividing the indices of total agricultural production by the population indices.

The same procedure was followed in calculating the food production index, but only food crops were used. The commodities that were considered as food are given on page 31. The total output of each edible commodity was included in the food production index regardless of whether or not it was all actually consumed as food. Similarly, no cognizance was taken of foreign trade, seed reserves, waste, or stock carryover. For these reasons, the indices of total or per capita food production are not to be regarded as indices of consumption.

As all countries considered here are in the Northern Hemisphere, the split year designation 1961/62 indicates crops harvested during the spring, summer and autumn of 1961 and includes some crops, such as citrus fruits, the harvest of which continues into the early part of 1962. Data for livestock products are generally on a calendar year basis.

It should be recognized that these indices represent not only basic changes in agricultural technology and economic development, but also in some instances, special climatic conditions and changes in the political and economic situation.



Table 1.-- Indices of agricultural production; total and per capita by countries of the Near East.
Average 1935-39; annual 1958/59 - 1961/62.

Country	Total					Per capita				
	Average:					Average:				
	1935-39	1958-59	1959-60	1960-61	1961-62	1935-39	1958-59	1959-60	1960-61	1961-62
	<u>1/</u>				<u>2/</u>	<u>1/</u>				<u>2/</u>
	(1952-54 = 100)					(1952-54 = 100)				
Cyprus	70	109	104	96	98	96	101	95	86	86
Egypt	90	122	126	134	120	123	108	110	113	99
Greece	<u>3/</u> 86	124	131	119	139	<u>3/</u> 104	119	125	112	130
Iran	84	123	126	119	125	112	109	110	101	103
Iraq	60	123	105	109	110	97	106	88	89	87
Israel	70	197	203	205	206	115	163	162	160	155
Jordan	40	51	71	50	89	63	44	59	40	70
Lebanon	79	107	107	103	110	116	96	95	90	93
Saudi Arabia	<u>1/</u> 75	100	99	98	98	<u>1/</u> 75	100	99	98	98
Syria	56	111	90	94	109	85	92	72	73	82
Turkey	66	115	114	121	119	90	100	97	100	95
Yemen	<u>1/</u> 75	82	77	95	101	<u>1/</u> 75	82	77	95	101
Near East Total	75	119	120	122	122	99	106	105	104	103

1/ Prewar data for Saudi Arabia and Yemen are not available. A rough estimate of the total production aggregate was made for each of these countries and was included in the regional total aggregate so that the prewar index for the region could be based on the same coverage as the other years shown.

2/ Preliminary.

3/ Average 1933-37.

Table 2.--

Indices of food production; total and per capita by countries of the Near East.
Average 1935-39; annual 1958/59 - 1961/62.

Country	Total					Per capita				
	Average:					Average:				
	1935-39	1958-59	1959-60	1960-61	1961-62	1935-39	1958-59	1959-60	1960-61	1961-62
	<u>1/</u>				<u>2/</u>	<u>1/</u>				<u>2/</u>
	(1952-54 = 100)					(1952-54 = 100)				
Cyprus	66	113	103	96	100	90	105	94	86	88
Egypt	83	122	126	136	129	114	108	110	114	107
Greece	<u>3/</u> 86	121	132	119	139	<u>3/</u> 104	116	126	112	130
Iran	84	123	125	115	122	112	109	109	97	101
Iraq	60	122	105	108	108	97	105	88	88	86
Israel	71	194	196	194	192	116	160	157	152	144
Jordan	40	51	71	50	89	63	44	59	40	70
Lebanon	80	106	104	100	108	118	95	92	87	92
Saudi Arabia	<u>1/</u> 73	100	99	98	98	<u>1/</u> 73	100	99	98	98
Syria	68	93	68	65	79	103	77	54	50	59
Turkey	68	114	112	120	118	93	99	95	99	94
Yemen	<u>1/</u> 73	80	75	96	101	<u>1/</u> 73	80	75	96	101
Near East Total	75	118	118	119	122	99	105	104	102	103

1/ Prewar data for Saudi Arabia and Yemen are not available. A rough estimate of the food production aggregate was made for each of these countries and was included in the regional food aggregate so that the prewar index for the region could be based on the same coverage as the other years shown.

2/ Preliminary.

3/ Average 1933-37.

Table 3.--

Production aggregates and indices of population by countries of the Near East.
Average 1935-39, 1952-54 (base period); annual 1958/59 - 1961/62.

Country	Total Production Aggregates						P o p u l a t i o n (midyear)					
	Average:	Average:					1953	1937	1958	1959	1960	1961
	1935-39:	1952-54:	1958-59:	1959-60:	1960-61:	1961-62:						
	<u>1/</u>					<u>2/</u>						
	1,000 metric tons wheat equivalent						Thou- sands	1953=100				
Cyprus	229	327	357	339	315	321	506	73	108	110	112	114
Egypt	12,145	13,537	16,507	17,012	18,188	16,263	22,003	73	113	115	119	121
Greece	6,900 ^{3/}	8,017	9,904	10,524	9,553	11,182	8,205	83 ^{3/}	104	105	106	107
Iran	8,731	10,395	12,821	13,112	12,327	12,990	17,476	75	113	115	118	121
Iraq	2,521	4,206	5,190	4,431	4,569	4,645	5,786	62	116	120	123	126
Israel	743	1,061	2,090	2,156	2,175	2,182	1,651	61	121	125	128	133
Jordan	228	565	287	403	280	502	1,360	63	116	120	125	128
Lebanon	453	572	614	612	591	632	1,353	68	111	113	115	118
Saudi Arabia	370 ^{1/}	493	491	490	483	484	6,000	100 ^{4/}	100	100	100	100
Syria	1,371	2,433	2,689	2,192	2,276	2,645	3,545	66	121	125	129	133
Turkey	15,636	23,789	27,354	27,237	28,903	28,203	22,791	73	115	118	121	125
Yemen	495 ^{1/}	661	542	506	630	670	4,000	100 ^{4/}	100	100	100	100
Near East Total	49,822	66,056	78,846	79,014	80,290	80,719	94,676	76	112	114	117	119

^{1/} Prewar data for Saudi Arabia and Yemen are not available. A rough estimate of the total production aggregate for each of these countries is shown and is included in the regional total aggregate so that the prewar index for the region may be based on the same coverage as the other years shown.

^{2/} Preliminary.

^{3/} Average 1933-37.

^{4/} No reliable information is available on rate of population growth in Saudi Arabia and Yemen.

Table 4.-- Indices of agricultural production and volume of production by major commodities in the Near East.
Average 1935-39, 1952-54 (base period); annual 1958/59 - 1961/62.

Commodity	Weight	P r o d u c t i o n						A g g r e g a t e s					
		Average:	Average:					Average:	Average:				
		1935-39:	1952-54:	1958-59:	1959-60:	1960-61:	1961-62:	1935-39:	1952-54:	1958-59:	1959-60:	1960-61:	1961-62:
							1/						1/
		1,000 metric tons											
Wheat	100	8,780	11,676	13,767	12,974	13,704	13,056	8,780	11,676	13,767	12,974	13,704	13,056
Barley	65	4,135	5,415	5,316	5,167	5,221	5,626	2,688	3,520	3,455	3,359	3,394	3,657
Oats	65	259	391	299	407	507	408	168	254	194	265	330	265
Rice, paddy	90	1,416	1,865	2,061	2,481	2,473	2,000	1,274	1,679	1,855	2,233	2,226	1,800
Sorghum and millet..	65	611	1,597	1,393	1,388	1,529	1,598	397	1,038	905	902	994	1,039
Corn	80	2,379	2,763	2,538	2,460	2,606	2,366	1,903	2,210	2,030	1,968	2,085	1,893
Rye	75	407	660	661	523	615	615	305	495	496	392	461	461
Other grains	65	402	617	529	469	576	500	261	401	344	305	374	325
Lentils	145	60	57	46	52	52	58	87	83	67	75	75	84
Beans & peas (pulses):	155	900	1,083	1,037	1,000	1,056	1,042	1,395	1,679	1,607	1,550	1,637	1,615
Sweetpotatoes	85	15	42	67	82	85	85	13	36	57	70	72	72
Potatoes	80	395	1,663	2,230	2,157	2,267	2,346	316	1,330	1,784	1,726	1,814	1,877
Carobs	83	44	43	41	50	45	41	37	36	34	42	37	34
Cottonseed	90	1,103	1,193	1,714	1,771	1,849	1,713	993	1,074	1,543	1,594	1,664	1,542
Sesame	280	48	68	62	65	86	81	134	190	174	182	241	227
Flaxseed	215	6	7	17	20	23	23	13	15	37	43	49	49
Peanuts, unshelled..	150	20	51	71	70	70	73	30	76	106	105	105	110
Olive oil ^{1/2} /.....	700	178	203	178	238	143	307	1,246	1,421	1,246	1,666	1,001	2,149
Vegetable oils	400	36	63	148	96	112	108	144	252	592	384	448	432
Cotton lint	900	525	660	873	898	948	861	4,725	5,940	7,857	8,082	8,532	7,749

- continued -

Table 4.-- Indices of agricultural production and volume of production by major commodities in the Near East.
Average 1935-39, 1952-54 (base period); annual 1958/59 - 1961/62.
- continued -

Commodity	Weight	P r o d u c t i o n						A g g r e g a t e s					
		Average:	Average:					Average:	Average:				
		1935-39:	1952-54:	1958-59:	1959-60:	1960-61:	1961-62:	1935-39:	1952-54:	1958-59:	1959-60:	1960-61:	1961-62:
							1/						1/
		1,000 metric tons											
Tobacco	900	143	188	238	235	226	215	1,287	1,692	2,142	2,115	2,034	1,935
Sugar, refined	170	234	510	751	971	1,085	886	398	867	1,277	1,651	1,844	1,506
Tea	1,200	1	6	7	7	7	7	12	72	84	84	84	84
Coffee	425	-	6	5	5	5	5	-	26	21	21	21	21
Wine	100	400	415	342	342	307	376	400	415	342	342	307	376
Oranges	95	320	453	561	510	601	630	304	430	533	484	571	598
Grapefruit	95	2	8	7	8	8	8	2	8	7	8	8	8
Lemons	95	17	45	69	74	88	93	16	43	66	70	84	88
Tangerines	95	40	74	78	51	70	72	38	70	74	48	66	68
Limes	95	43	34	49	44	42	44	41	32	47	42	40	42
Other citrus	95	456	395	660	678	568	562	433	375	627	644	540	534
Apples	140	118	165	246	279	281	320	165	231	344	391	393	448
Pears	140	87	104	119	129	120	131	122	146	167	181	168	183
Apricots	140	50	35	59	91	46	103	70	49	83	127	64	144
Grapes	60	1,581	2,414	3,826	3,563	3,339	3,554	949	1,448	2,296	2,138	2,003	2,132
Bananas	60	37	75	114	123	138	137	22	45	68	74	83	82
Other fresh fruits..	140	1,809	1,927	2,483	2,430	2,154	2,569	2,533	2,698	3,476	3,402	3,016	3,597
Olives	200	80	134	109	97	102	104	160	268	218	194	204	208
Raisins	240	131	116	128	161	107	145	314	278	307	386	257	348
Dates	200	580	963	1,085	809	945	855	1,160	1,926	2,170	1,618	1,890	1,710
Figs, dried & fresh:	170	172	167	214	199	208	218	292	284	364	338	354	371

- continued -



Table 4.-- Indices of agricultural production and volume of production by major commodities in the Near East.
Average 1935-39, 1952-54 (base period); annual 1958/59 - 1961/62.
- continued -

Commodity	Weight	P r o d u c t i o n						A g g r e g a t e s					
		Average	Average					Average	Average				
		1935-39	1952-54	1958-59	1959-60	1960-61	1961-62	1935-39	1952-54	1958-59	1959-60	1960-61	1961-62
							1/						1/
		1,000 metric tons											
Almonds, unshelled:	257	36	32	42	46	22	35	93	82	108	118	57	90
Pistachios, unsh.:	1,300	9	12	8	16	13	16	117	156	104	208	169	208
Filberts, unsh.:	450	59	74	100	91	58	70	266	333	450	410	261	315
Walnuts, unshelled:	250	26	46	69	87	73	84	65	115	172	218	182	210
Other nuts, unsh.:	250	29	45	48	49	35	46	72	112	120	122	88	115
Onions	65	378	706	896	1,038	1,039	1,042	246	459	582	675	675	677
Tomatoes	65	28	45	74	126	156	160	18	29	48	82	101	104
Cabbage	65	96	158	206	240	250	255	62	103	134	156	162	166
Other vegetables ..	65	1,080	1,619	1,885	1,860	1,724	1,910	702	1,052	1,225	1,209	1,121	1,242
Meat ^{3/}	550	770	948	1,169	1,191	1,221	1,248	4,235	5,214	6,430	6,550	6,716	6,864
Eggs	630	134	167	262	273	282	291	844	1,052	1,651	1,720	1,777	1,833
Milk ^{4/}	160	4,904	7,247	8,434	8,584	8,828	8,979	7,846	11,595	13,494	13,734	14,125	14,366
Cheese	300	100	132	247	251	255	250	300	396	741	753	765	750
Butter and ghee ...	300	24	34	44	47	49	50	72	102	132	141	147	150
Wool, cleaned	775	41	45	60	72	75	80	318	349	465	558	581	620

- continued -

Table 4.-- Indices of agricultural production and volume of production by major commodities in the Near East.
Average 1935-39, 1952-54 (base period); annual 1958/59 - 1961/62.
- continued -

Commodity	Weight	P r o d u c t i o n						A g g r e g a t e s					
		Average:	Average:					Average:	Average:				
		1935-39:	1952-54:	1958-59:	1959-60:	1960-61:	1961-62:	1935-39:	1952-54:	1958-59:	1959-60:	1960-61:	1961-62:
						1/							1/
		- - - - - 1,000 metric tons - - - - -											
Flax, fiber	555	4	6	7	6	4	4	22	33	39	33	22	22
Hemp, fiber	565	10	12	14	16	12	11	56	68	79	90	68	62
Total production aggregates ^{5/}							6/	49,826	66,058	78,837	79,052	80,291	80,713
Total food production aggregates							6/	42,906	57,412	67,737	67,642	68,556	69,761
Agricultural production index								75	100	119	120	122	122
Per capita agricultural production index ...								99	100	106	105	104	103
Food production index								75	100	118	118	119	122
Per capita food production index								99	100	105	104	102	103
Population index (1953 population - 94,676,000)								76	100	112	114	117	119

1/ Preliminary.

2/ Excluding sulphur oil, except for Greece.

3/ The approximate composition is lamb and mutton (40%), beef and veal (40%), goat (15%), buffalo (4%), camel, pork and poultry (1%).

4/ The approximate composition is cow (35%), sheep (30%), goat (25%), buffalo (10%).

5/ Because of rounding, these aggregates do not necessarily agree precisely with those in Table 3.

6/ Prewar data for Saudi Arabia and Yemen are not available. A rough estimate of the total production aggregate for these 2 countries is included in the regional total aggregate so that the prewar index for the region may be based on the same coverage as the other years shown.

Indices of agricultural production, volume of production and aggregates.
Average 1935-39, 1952-54 (base period); annual 1958/59 - 1961/62.

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- continued -

Table 5.--CYPRUS:

Indices of agricultural production, volume of production and aggregates.
Average 1935-39, 1952-54 (base period); annual 1958/59 - 1961/62.

- continued -

Commodity	Weight	P r o d u c t i o n						A g g r e g a t e s					
		Average	Average	Average	Average	Average	Average	Average	Average	Average	Average	Average	Average
		1935-39	1952-54	1958-59	1959-60	1960-61	1961-62	1935-39	1952-54	1958-59	1959-60	1960-61	1961-62
		1,000 metric tons											
Onions	65	4.0	10.6	3.2	3.5	3.0	3.3	2.6	6.9	2.1	2.3	2.0	2.1
Total production aggregates								229	327	357	339	315	321
Total food production aggregates								186	280	316	289	269	279
Agricultural production index								70	100	109	104	96	98
Per capita agricultural production index								96	100	101	95	86	86
Food production index								66	100	113	103	96	100
Per capita food production index								90	100	105	94	86	88
Population index (1953 population - 506,000)								73	100	108	110	112	114

1/ Excluding sulphur oil.

Table 6.--EGYPT:

Indices of agricultural production, volume of production and aggregates.
Average 1935-39, 1952-54 (base period); annual 1958/59 - 1961/62,

Commodity	Weight	P r o d u c t i o n						A g g r e g a t e s					
		Average 1935-39	Average 1952-54	1958-59	1959-60	1960-61	1961-62	Average 1935-39	Average 1952-54	1958-59	1959-60	1960-61	1961-62
		----- 1,000 metric tons -----											
Wheat	100	1,248	1,455	1,412	1,443	1,499	1,436	1,248	1,455	1,412	1,443	1,499	1,436
Corn	80	1,613	1,704	1,756	1,497	1,691	1,480	1,290	1,363	1,405	1,198	1,353	1,184
Rice, paddy	90	697	806	1,082	1,534	1,486	1,050	627	725	974	1,381	1,337	945
Sorghum and millet	65	482	551	543	630	603	621	313	358	353	410	392	404
Barley	65	233	112	135	142	156	180	151	73	88	92	101	117
Beans and peas	155	414	267	300	253	300	310	642	414	465	392	465	480
Lentils	145	51	44	42	48	50	51	74	64	61	70	72	74
Sweet potatoes	85	15	42	67	82	85	85	13	36	57	70	72	72
Potatoes	80	47	118	232	374	400	405	38	94	186	299	320	324
Sugar, refined	170	151	246	295	338	330	365	257	418	502	575	561	620
Cottonseed	90	914	707	992	1,017	1,064	888	823	636	893	915	958	799
Peanuts, unshelled. :	150	15	23	33	34	35	37	22	34	50	51	52	56
Sesame	280	6	14	16	16	15	17	17	39	45	45	42	48
Flaxseed	215	3	4	5	6	11	10	6	9	11	13	24	22
Cotton lint	900	410	370	446	457	478	348	3,690	3,330	4,014	4,113	4,302	3,132
Oranges	95	202	239	225	197	230	235	192	227	214	187	218	223
Limes	95	43	34	49	44	42	44	41	32	47	42	40	42
Tangerines	95	40	74	78	51	70	72	38	70	74	48	66	68
Grapes	60	32	95	88	99	100	104	19	57	53	59	60	62
Apples	140	1	3	2	3	3	3	1	4	3	4	4	4
Pears	140	2	2	5	11	12	12	3	3	7	15	17	17
Bananas	60	15	41	48	61	65	68	9	25	29	37	39	41
Dates	200	200	305	335	232	335	340	400	610	670	464	670	680
Olives	200	2	3	5	7	7	8	4	6	10	14	14	16

Indices of agricultural production, volume of production and aggregates.
Average 1935-39, 1952-54 (base period); annual 1958/59 - 1961/62.
(continued -

- 1/ Largest percentage from buffaloes, and cattle, but does include sheep and goat.
- 2/ Estimated at about 60 percent buffaloes and cattle, 20 percent camel, 10 percent sheep and the remainder other meat.

Table 7.--GREECE:1/

Indices of agricultural production, volume of production and aggregates.
Average 1935-39, 1952-54 (base period); annual 1958/59 - 1961/62.

Commodity	Weight	P r o d u c t i o n						A g g r e g a t e s					
		Average	Average					Average	Average				
		1935-39	1952-54	1958-59	1959-60	1960-61	1961-62	1935-39	1952-54	1958-59	1959-60	1960-61	1961-62
		- - - - - 1,000 metric tons - - - - -											
Wheat	100	582	1,055	1,527	1,498	1,476	1,377	582	1,055	1,527	1,498	1,476	1,377
Rye	75	44	47	26	15	15	15	33	35	20	11	11	11
Barley	65	20	31	25	20	25	25	13	20	16	13	16	16
Corn	80	115	71	50	55	60	60	92	57	40	44	48	48
Rice, paddy	90	1	47	63	63	49	77	1	42	57	57	44	69
Dry legumes	155	62	78	79	85	90	90	96	121	122	132	140	140
Vegetable oil	400	8	13	19	18	20	19	32	52	76	72	80	76
Olive oil 2/	700	124	125	100	179	84	200	868	875	700	1,253	588	1,400
Tobacco	900	60	56	82	76	62	77	540	504	738	684	558	693
Cotton lint	900	15	32	62	57	62	75	135	288	558	513	558	675
Potatoes	80	89	328	340	345	313	324	71	262	272	276	250	259
Vegetables	65	480	822	965	920	924	1,000	312	534	627	598	601	650
Fruit	140	1,109	1,089	1,257	1,332	1,206	1,492	1,553	1,525	1,760	1,865	1,688	2,089
Nuts	250	12	27	26	27	23	26	30	68	65	68	58	65
Wine	100	400	415	342	342	307	376	400	415	342	342	307	376
Milk	160	620	650	854	876	885	910	992	1,040	1,366	1,402	1,416	1,456
Eggs	630	28	30	49	51	53	55	176	189	309	321	334	346

- continued -

Indices of agricultural production, volume of production and aggregates.
Average 1935-39, 1952-54 (base period); annual 1958/59 - 1961/62.
- continued -

Commodity	Weight	P r o d u c t i o n						A g g r e g a t e s					
		Average	Average					Average	Average				
		1935-39	1952-54	1958-59	1959-60	1960-61	1961-62	1935-39	1952-54	1958-59	1959-60	1960-61	1961-62
		----- 1,000 metric tons -----											
Meat <u>3</u> /.....	550	177	170	238	250	251	261	974	935	1,309	1,375	1,380	1,436
Total production aggregates								6,900	8,017	9,904	10,524	9,553	11,182
Total food production aggregates								5,825	6,810	8,266	8,985	8,130	9,438
Agricultural production index								86	100	124	131	119	139
Per capita agricultural production index								104	100	119	125	112	130
Food production index								86	100	121	132	119	139
Per capita food production index								104	100	116	126	112	130
Population index (1953 population - 8,205,000)								83	100	104	105	106	107

1/ Prewar production data are 1933-37 averages. All production figures here exclude seed, feed and waste, and have been weighted by the Near East price weights to obtain the production indices. These indices therefore differ slightly from those published elsewhere by the Economic Research Service, which are calculated using West European price weights for production excluding not only seed, feed and waste but also domestically produced bran, oilcake and skim milk returned to farms for feed since the results of these feed items appears in the aggregate for livestock products.

2/ Includes sulphur oil.

3/ Live weight. In 1960-61 comprised of approximately 52 percent mutton and goat, 14 percent pork, 11 percent beef, 9 percent veal, 2 percent buffalo, and 12 percent other meats.

Table 8.--IRAN:

Indices of agricultural production, volume of production and aggregates.
Average 1935-39, 1952-54 (base period); annual 1958/59 - 1961/62.

Commodity	Weight	P r o d u c t i o n						A g g r e g a t e s					
		Average:	Average:					Average:	Average:				
		1935-39:	1952-54:	1958-59:	1959-60:	1960-61:	1961-62:	1935-39:	1952-54:	1958-59:	1959-60:	1960-61:	1961-62:
		1,000 metric tons											
Wheat	100	1,962	2,203	2,700	3,000	2,600	2,800	1,962	2,203	2,700	3,000	2,600	2,800
Barley	65	777	828	950	1,000	900	1,000	505	538	618	650	585	650
Rice, paddy	90	389	520	454	492	500	500	350	468	409	443	450	450
Other grains	65	55	58	62	64	58	62	36	38	40	42	38	40
Pulses	155	100	159	140	145	125	140	155	246	217	225	194	217
Cottonseed	90	74	100	140	164	198	184	67	90	126	148	178	166
Sesame	280	7	10	10	12	11	11	20	28	28	34	31	31
Flaxseed	215	3	3	12	14	12	13	6	6	26	30	26	28
Vegetable oils	400	15	17	24	27	28	29	60	68	96	108	112	116
Tobacco	900	16	14	11	7	13	11	144	126	99	63	117	99
Tea	1,200	1	6	7	7	7	7	12	72	84	84	84	84
Sugar, refined	170	21	74	107	130	110	116	36	126	182	221	187	197
Cotton lint	900	37	50	70	82	99	92	333	450	630	738	891	828
Oranges and tangerines	95	30	42	45	46	40	48	28	40	43	44	38	46
Other citrus	95	40	57	65	68	60	68	38	54	62	65	57	65
Apricots, dried ...	140	6	7	12	13	4	11	8	10	17	18	6	15
Grapes	60	280	250	260	259	260	265	168	150	156	155	156	159
Dates	200	120	135	125	115	140	100	240	270	250	230	280	200
Other fruits, fresh	140	600	720	1,000	850	750	840	840	1,008	1,400	1,190	1,050	1,176
Raisins	240	32	48	63	61	40	60	77	115	151	146	96	144
Olives	200	15	11	9	13	13	15	30	22	18	26	26	30

Table 8.--IRAN:

Indices of agricultural production, volume of production and aggregates.

Average 1935-39, 1952-54 (base period); annual 1958/59 - 1961/62.

- continued -

Commodity	Weight	P r o d u c t i o n						A g g r e g a t e s					
		Average:	Average:					Average:	Average:				
		1935-39:	1952-54:	1958-59:	1959-60:	1960-61:	1961-62:	1935-39:	1952-54:	1958-59:	1959-60:	1960-61:	1961-62:
		- - - - - 1,000 metric tons - - - - -											
Almonds, unshelled	257	23	17	32	36	12	24	59	44	82	93	31	62
Pistachios, unshelled	1,300	2	6	4	4	3	4	26	78	52	52	39	52
Walnuts, unshelled	250	6	6	9	9	5	8	15	15	22	22	12	20
Other nuts, unshelled	250	17	18	22	22	12	20	42	45	55	55	30	50
Vegetables	65	600	797	920	940	800	910	390	518	598	611	520	592
Meat 1/	550	179	229	330	320	290	310	984	1,260	1,815	1,760	1,595	1,705
Milk 2/	160	1,120	1,246	1,555	1,560	1,600	1,635	1,792	1,994	2,488	2,496	2,560	2,616
Eggs	630	28	35	32	33	34	35	176	220	202	208	214	220
Wool, cleaned	775	17	12	20	20	16	17	132	93	155	155	124	132
Total production aggregates								8,731	10,395	12,821	13,112	12,327	12,990
Total food production aggregates								8,104	9,648	11,827	12,042	11,085	11,819
Agricultural production index								84	100	123	126	119	125
Per capita agricultural production index								112	100	109	110	101	103
Food production index								84	100	123	125	115	122
Per capita food production index								112	100	109	109	97	101
Population index (1953 population - 17,476,000)								75	100	113	115	118	121

1/ Primarily lamb and mutton (50%); goat (25%), beef, veal, poultry, and buffalo (24%), and a small amount of pork.

2/ Primarily cow (60%); sheep (20%); goat (15%), buffalo (5%).

Indices of agricultural production, volume of production and aggregates.
Average 1935-39, 1952-54 (base period); annual 1958/59 - 1961/62.

- continued -



Table 9.--IRAQ:

Indices of agricultural production, volume of production and aggregates.

Average 1935-39, 1952-54 (base period); annual 1958/59 - 1961/62.

- continued -

Commodity	Weight	P r o d u c t i o n						A g g r e g a t e s					
		Average 1935-39	Average 1952-54	1958-59	1959-60	1960-61	1961-62	Average 1935-39	Average 1952-54	1958-59	1959-60	1960-61	1961-62
		- - - - - 1,000 metric tons - - - - -											
Wool, cleaned	775	7	7	10	10	10	11	54	54	78	78	78	85
Total production aggregates								2,521	4,206	5,190	4,431	4,569	4,645
Total food production aggregates								2,413	4,053	4,959	4,236	4,374	4,389
Agricultural production index								60	100	123	105	109	110
Per capita agricultural production index								97	100	106	88	89	87
Food production index								60	100	122	105	108	108
Per capita food production index								97	100	105	88	88	86
Population index (1953 population - 5,786,000)								62	100	116	120	123	126

1/ Primarily cow (40%) and sheep (35%); buffalo (15%) and goat (10%).2/ Primarily lamb and mutton (60%), goat (20%), beef (10%), buffalo (7%), camel (3%).



Table 10.--ISRAEL:

Indices of agricultural production, volume of production and aggregates.
Average 1935-39, 1952-54 (base period); annual 1958/59 - 1961/62.

Commodity	Weight	P r o d u c t i o n						A g g r e g a t e s					
		Average	Average					Average	Average				
		1935-39	1952-54	1958-59	1959-60	1960-61	1961-62	1935-39	1952-54	1958-59	1959-60	1960-61	1961-62
		- - - - - 1,000 metric tons - - - - -											
Wheat	100	87	32	74	41	54	40	87	32	74	41	54	40
Barley	65	67	82	65	27	40	60	44	53	42	18	26	39
Corn	80	8	17	15	8	4	7	6	14	12	6	3	6
Sorghum	65	14	13	41	16	40	40	9	8	27	10	26	26
Pulses	155	2	4	2	1	1	1	3	6	3	2	2	2
Potatoes	80	6	67	88	82	65	85	5	54	70	66	52	68
Peanuts, unshelled.	150	2	9	15	15	19	20	3	14	22	22	28	30
Cottonseed	90	-	2	12	19	20	22	-	2	11	17	18	20
Cotton lint	900	-	1	5	10	15	18	-	9	45	90	135	162
Olive oil, edible l/	700	-	8	3	1	1	1	-	56	21	7	7	7
Citrus fruits	95	403	312	556	578	470	450	383	296	528	549	446	428
Grapes	60	40	23	58	53	55	55	24	14	35	32	33	33
Olives	200	13	15	8	5	18	10	26	30	16	10	36	20
Bananas	60	6	11	32	34	42	35	4	7	19	20	25	21
Apples	140	2	3	9	17	20	25	3	4	13	24	28	35

- continued -

Indices of agricultural production, volume of production and aggregates.
Average 1935-39, 1952-54 (base period); annual 1958/59 - 1961/62.
- continued -

1/ Excluding sulphur oil.
2/ Principally cow's milk.
3/ Principally poultry meat.

Table 11.--JORDAN:

Indices of agricultural production, volume of production and aggregates.
Average 1935-39, 1952-54 (base period); annual 1958/59 - 1961/62.

Commodity	Weight	P r o d u c t i o n						A g g r e g a t e s					
		Average:	Average:					Average:	Average:				
		1935-39:	1952-54:	1958-59:	1959-60:	1960-61:	1961-62:	1935-39:	1952-54:	1958-59:	1959-60:	1960-61:	1961-62:
		----- 1,000 metric tons -----											
Wheat	100	81	186	63	104	44	180	81	186	63	104	44	180
Barley	65	51	80	17	26	17	65	33	52	11	17	11	42
Corn	80	4	8	5	7	6	8	3	6	4	6	5	6
Beans and peas	155	9	34	9	5	4	6	14	53	14	8	6	9
Lentils	145	9	13	4	4	2	7	13	19	6	6	3	10
Potatoes	80	4	10	14	16	17	20	3	8	11	13	14	16
Sesame	280	1	4	2	3	2	3	3	11	6	8	6	8
Olive oil ^{1/}	700	1	7	4	7	3	4	7	49	28	49	21	28
Grapes	60	25	47	34	37	33	35	15	28	20	22	20	21
Olives	200	16	57	30	35	17	30	32	114	60	70	34	60
Bananas	60	5	6	12	10	9	10	3	4	7	6	5	6
Tomatoes	65	28	45	74	126	156	160	18	29	48	82	101	104
Onions	65	5	9	14	18	16	18	3	6	9	12	10	12
Total production aggregates								228	565	287	403	280	502
Total food production aggregates								228	565	287	403	280	502
Agricultural production index								40	100	51	71	50	89
Per capita agricultural production index								63	100	44	59	40	70
Food production index								40	100	51	71	50	89
Per capita food production index								63	100	44	59	40	70
Population index (1953 population - 1,360,000)								63	100	116	120	125	128

^{1/} Excluding sulphur oil.

Indices of agricultural production, volume of production and aggregates.
Average 1935-39, 1952-54 (base period); annual 1958/59 - 1961/62.

		<u>P r o d u c t i o n</u>						<u>A g g r e g a t e s</u>					
Commodity	Weight :	Average:	Average:	:	:	: Average:	Average:	:	:	:	:	:	:
		1935-39:	1952-54:	1958-59:	1959-60:	1960-61:	1961-62:	1935-39:	1952-54:	1958-59:	1959-60:	1960-61:	1961-62:
		:	:	:	:	:	:	:	:	:	:	:	:
		----- 1,000 metric tons -----											
Wheat	100 :	45	53	35	25	20	35	45	53	35	25	20	35
Barley	65 :	29	19	5	4	4	8	19	12	3	3	3	5
Corn	80 :	10	12	3	3	2	3	8	10	2	2	2	2
Sorghum	65 :	6	5	4	4	2	2	4	3	3	3	1	1
Beans and peas	155 :	4	10	3	2	2	2	6	16	5	3	3	3
Potatoes	80 :	24	29	35	32	30	36	19	23	28	26	24	29
Peanuts, unshelled	150 :	1	2	1	1	1	1	2	3	2	2	2	2
Tobacco	900 :	1	2	3	4	4	4	9	18	27	36	36	36
Sugar, refined	170 :	0	0	0	3	2	5	0	0	0	5	3	8
Oranges	95 :	35	55	67	72	67	75	33	52	64	68	64	71
Lemons	95 :	11	15	16	24	24	26	10	14	15	23	23	25
Other citrus	95 :	1	2	4	4	6	5	1	2	4	4	6	5
Pears	140 :	4	6	5	6	5	6	6	8	7	8	7	8
Apricots	140 :	3	2	2	2	1	2	4	3	3	3	1	3
Apples	140 :	2	20	33	50	47	42	3	28	46	70	66	59
Bananas	60 :	11	17	22	18	22	24	7	10	13	11	13	14
Grapes	60 :	50	75	80	85	75	80	30	45	48	51	45	48
Figs, fresh	170 :	8	15	18	17	16	17	14	26	31	29	27	29
Olives	200 :	28	38	47	28	38	33	56	76	94	56	76	66



Table 12.--LEBANON:

Indices of agricultural production, volume of production and aggregates,
Average 1935-39, 1952-54 (base period); annual 1958/59 - 1961/62.

- continued -

Commodity	Weight	P r o d u c t i o n						A g g r e g a t e s					
		Average:	Average:					Average:	Average:				
		1935-39:	1952-54:	1958-59:	1959-60:	1960-61:	1961-62:	1935-39:	1952-54:	1958-59:	1959-60:	1960-61:	1961-62:
		1,000 metric tons											
Onions	65	38	37	34	30	25	25	25	24	22	20	16	16
Meat 2/.....	550	8	8	8	8	7	8	44	44	44	44	38	44
Milk 3/.....	160	64	60	62	63	64	69	102	96	99	101	102	110
Eggs	630	1	1	3	3	2	2	6	6	19	19	13	13
Total production aggregates								453	572	614	612	591	632
Total food production aggregates								444	554	587	576	555	596
Agricultural production index								79	100	107	107	103	110
Per capita agricultural production index								116	100	96	95	90	93
Food production index								80	100	106	104	100	108
Per capita food production index								118	100	95	92	87	92
Population index (1953 population - 1,353,000)								68	100	111	113	115	118

1/ Series partially revised; figures provisional.

2/ Approximate composition in 1960; beef and veal (50%), goat (35%), mutton and lamb (10%), and other meat including pork and poultry (5%).

3/ Approximate composition in 1960; cow (49%), goat (46%), sheep (4%), and buffalo (less than 1%).



Table 13.--SAUDI ARABIA: Indices of agricultural production, volume of production and aggregates.
Average 1952-54 (base period); annual 1958/59 - 1961/62

Commodity	Weight	P r o d u c t i o n					A g g r e g a t e s				
		Average:					Average:				
		1952-54:	1958-59:	1959-60:	1960-61:	1961-62:	1952-54:	1958-59:	1959-60:	1960-61:	1961-62:
		- - - - - 1,000 metric tons - - - - -									
Wheat	100	26	20	19	18	21	26	20	19	18	21
Barley	65	18	25	26	24	27	12	16	17	16	18
Rice, paddy	90	3	4	4	3	4	3	4	4	3	4
Millet and sorghum	65	48	70	72	70	75	31	46	47	46	49
Corn	80	30	30	33	33	35	24	24	26	26	28
Beans and peas	155	24	20	21	22	22	37	31	33	34	34
Dates	200	180	175	172	170	165	360	350	344	340	330
Total production aggregates							493	491	490	483	484
Total food production aggregates							493	491	490	483	484
Agricultural production index							100	100	99	98	98
Per capita agricultural production index							100	100	99	98	98
Food production index							100	100	99	98	98
Per capita food production index							100	100	99	98	98
Population index (1953 population-6,000,000) ^{1/}							100	100	100	100	100

^{1/} Population estimates for Saudi Arabia vary widely. It is believed, however, that an offsetting effect exists such that population is relatively constant.



Table 14.--SYRIA:

Indices of agricultural production, volume of production and aggregates.
Average 1935-39, 1952-54 (base period); annual 1958/59 - 1961/62.

Commodity	Weight	P r o d u c t i o n						A g g r e g a t e s					
		Average	Average					Average	Average				
		1935-39	1952-54	1958-59	1959-60	1960-61	1961-62	1935-39	1952-54	1958-59	1959-60	1960-61	1961-62
		----- 1,000 metric tons -----											
Wheat	100	530	769	562	400	327	450	530	769	562	400	327	450
Barley	65	306	343	228	131	109	218	199	223	148	85	71	142
Millet	65	50	115	50	42	50	48	32	75	32	27	32	31
Corn	80	15	23	10	12	12	14	12	18	8	10	10	11
Oats	65	10	8	7	6	5	6	6	5	5	4	3	4
Rice, paddy	90	6	15	2	3	2	12	5	14	2	3	2	11
Beans and peas	155	57	90	28	15	20	24	88	140	43	23	31	37
Potatoes	80	18	34	21	14	20	21	14	27	17	11	16	17
Cottonseed	90	12	116	215	216	233	250	11	104	194	194	210	225
Olive oil ^{1/}	700	11	5	13	8	9	11	77	35	91	56	63	77
Cotton, lint	900	6	58	96	97	111	125	54	522	864	873	999	1,125
Tobacco	900	4	5	8	6	6	6	36	45	72	54	54	54
Oranges	95	2	3	1	5	5	3	2	3	1	5	5	3
Apples	140	1	12	8	8	10	9	1	17	11	11	14	13
Pears	140	2	2	2	2	3	3	3	3	3	3	4	4
Grapes	60	170	205	227	210	220	225	102	123	136	126	132	135
Figs, dried	170	8	13	9	7	5	6	14	22	15	12	8	10

- continued -



Table 14.--SYRIA: . . Indices of agricultural production, volume of production and aggregates.
Average 1935-39, 1952-54 (base period); annual 1958/59 - 1961/62.

- continued -

Commodity	Weight	P r o d u c t i o n						A g g r e g a t e s					
		Average 1935-39	Average 1952-54	1958-59	1959-60	1960-61	1961-62	Average 1935-39	Average 1952-54	1958-59	1959-60	1960-61	1961-62
		- - - - - 1,000 metric tons - - - - -											
Onions	65	16	26	32	28	25	26	10	17	21	18	16	17
Milk ^{2/}	160	90	150	256	159	160	160	144	240	410	254	256	256
Wool, cleaned	775	4	4	7	3	3	3	31	31	54	23	23	23
Total production aggregates								1,371	2,433	2,689	2,192	2,276	2,645
Total food production aggregates								1,250	1,835	1,699	1,242	1,200	1,443
Agricultural production index								56	100	111	90	94	109
Per capita agricultural production index								85	100	92	72	73	82
Food production index								68	100	93	68	65	79
Per capita food production index								103	100	77	54	50	59
Population index (1953 population - 3,545,000)								66	100	121	125	129	133

^{1/} Excludes sulphur oil.

^{2/} Mostly cow's milk.

Table 15.--TURKEY:

Indices of agricultural production, volume of production and aggregates.

Average 1935-39, 1952-54 (base period); annual 1958/59 - 1961/62.

Commodity	Weight	P r o d u c t i o n						A g g r e g a t e s					
		Average	Average					Average	Average				
		1935-39	1952-54	1958-59	1959-60	1960-61	1961-62	1935-39	1952-54	1958-59	1959-60	1960-61	1961-62
		1,000 metric tons											
Wheat	100	3,693	5,160	6,528	5,800	7,000	6,000	3,693	5,160	6,528	5,800	7,000	6,000
Rice, paddy	90	95	169	138	136	138	107	86	152	124	122	124	96
Barley	65	2,092	3,076	2,834	3,000	3,100	3,100	1,360	1,999	1,842	1,950	2,015	2,015
Oats	65	245	380	290	399	500	400	159	247	188	259	325	260
Rye	75	363	613	635	508	600	600	272	460	476	381	450	450
Corn	80	584	837	622	800	750	711	467	670	498	640	600	569
Millet	65	46	89	60	50	40	40	30	58	39	32	26	26
Other grains	65	347	559	467	405	518	438	226	363	304	263	337	285
Beans and peas	155	206	314	360	380	389	348	319	487	558	589	603	539
Potatoes	80	181	971	1,400	1,200	1,325	1,350	145	777	1,120	960	1,060	1,080
Sugar, refined	170	62	190	349	500	643	400	105	323	593	850	1,093	680
Peanuts, unshelled ..	150	2	17	22	20	15	15	3	26	33	30	22	22
Sesame	280	29	25	20	18	42	35	81	70	56	50	118	98
Cottonseed	90	97	257	324	333	313	344	87	231	292	300	282	310
Olive oil ^{1/}	700	40	56	57	40	45	90	280	392	399	280	315	630
Vegetable oil	400	13	33	105	51	64	60	52	132	420	204	256	240
Cotton lint	900	54	143	180	185	174	191	486	1,287	1,620	1,665	1,566	1,719
Flax fiber	555	4	6	7	6	4	4	22	33	39	33	22	22
Jemp fiber	565	10	12	14	16	12	11	56	68	79	90	68	62

- continued -



Indices of agricultural production, volume of production and aggregates.
Average 1935-39, 1952-54 (base period); annual 1958/59 - 1961/62.

- continued -

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Indices of agricultural production, volume of production and aggregates.

Average 1935-39, 1952-54 (base period); annual 1958/59 - 1961/62.

- continued -

Commodity	Weight	P r o d u c t i o n						A g g r e g a t e s					
		Average:		Average:		Average:		Average:		Average:		Average:	
		1935-39:	1952-54:	1958-59:	1959-60:	1960-61:	1961-62:	1935-39:	1952-54:	1958-59:	1959-60:	1960-61:	1961-62:
		1,000 metric tons											
Milk ^{2/}	160	2,306	3,142	2,768	2,900	3,000	3,095	3,690	5,027	4,429	4,640	4,800	4,952
Eggs	630	52	53	75	80	85	90	328	334	472	504	536	567
Meat ^{3/}	550	184	297	310	327	340	348	1,012	1,634	1,705	1,798	1,870	1,914
Wool, cleaned	775	12	20	21	37	44	46	93	155	163	287	341	356
Total production aggregates								15,636	23,789	27,354	27,237	28,903	28,203
Total food production aggregates								14,457	21,319	24,301	23,938	25,691	25,081
Agricultural production index								66	100	115	114	121	119
Per capita agricultural production index								90	100	100	97	100	95
Food production index								68	100	114	112	120	118
Per capita food production index								93	100	99	95	99	94
Population index (1953 population - 22,791,000).								73	100	115	118	121	125

1/ Excluding sulphur oil.

2/ Primarily cow (54%); sheep (21%), goat (19%), and buffalo (6%).

3/ Primarily beef and veal (41%) and lamb and mutton (40%); goat (11%), buffalo (4%), poultry (3%), and pork (1%).

Indices of agricultural production, volume of production and aggregates.
Average 1952-54 (base period); annual 1958/59 - 1961/62.

Commodity	Weight	P r o d u c t i o n					A g g r e g a t e s				
		Average:					Average:				
		1952-54:	1958-59:	1959-60:	1960-61:	1961-62:	1952-54:	1958-59:	1959-60:	1960-61:	1961-62:

1/ A census has never been taken in Yemen and population estimates range between 3½ million and 5 million. Permanent emigration and infant mortality are believed to offset births.

The following items were considered as food in the calculation of these indices:

Wheat
Barley
Oats
Rice, paddy
Sorghum and millet

Citrus fruits
Deciduous fruits
Grapes
Raisins
Dates

Corn
Rye
Other grains
Beans and peas
Lentils

Olives
Bananas
Figs, dried and fresh
Almonds, unshelled
Pistachios, unshelled

Pulses and dry legumes
Potatoes
Sweetpotatoes
Cassava
Cottonseed

Filberts, unshelled
Walnuts, unshelled
Apricots
Onions
Tomatoes

Sesame
Peanuts, unshelled
Olive oil
Vegetable oils
Sugar, refined

Cabbage
Meat
Eggs
Dairy products

